

## ECS Configuration Change Request

Page 1 of 4 Page(s)

1. Originator Evan Winston	2. Log Date: 02/02/01	3. CCR #: 01-0107	4. Rev: -	5. Tel: 301.925.0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: Test Executable 5B.06_DMS.07 to all sites. ECSed29212 Added functionality to pass instruction to SDSRV for Browse Granules only, in inventory results. Must be installed with 5B.06_SDSRV.07						
9. Originator Signature/Date <i>Evan Winston</i> 2/1/01		10. Class II	11. Type: CCR	12. Need Date: 2 FEB 2001		
13. Office Manager Signature/Date <i>Tim Orth</i> 2/1/01		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact: N/A		18. CI(s) Affected:DMS		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 29212 (Primary), 29416, 28992, 28247, 29242, 26663, 24413, 23778, 28650, 23930, 29265, 27898						
23. Problem: (use additional Sheets if necessary) Fixes for the NCRs on list need to be delivered to the DAACs.  for brief descriptions of NCRs see page, refer to NCR for complete information.						
24. Proposed Solution: (use additional sheets if necessary) Test Executable 5B.06_DMS.07 will provide fixes to the NCRs listed. It should be installed over installations of 5B.06 with TE 5B.06_DMS.06 installed and 5B.06_SDSRV.07 installed!!!!!!!!!!!!!!.						
25. Alternate Solution: (use additional sheets if necessary) Take no action now and wait until 5B.07 is available at the DAACs.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) DAACs must continue to work around the problems and/or modify operating procedures.						
27. Justification for Emergency (If Block 15 is "Emergency"): Resolves DAAC operational problems and many of the NCRs are on the priority list..						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Rodney Miller</i>		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>Tim Orth</i> 2/2/01		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&amp;O

## ADDITIONAL SHEET

CCR #: 01-0107 Rev: — Originator: Evan Winston

Telephone: 301.925.0348 Office: DEV/CO

**Title of Change:** Test Executable 5B.06\_DMS.07 to all sites. ECSed29212 Added functionality to pass instruction to SDSRV for Browse Granules only, in inventory results. Must be installed with 5B.06\_SDSRV.07

ECSed29212 Added functionality to pass instruction to SDSRV for Browse Granules only in inventory results.

/ecs/formal/DM/GatewayCSCI/src/Common/DmGwODLNonAggregate.cxx  
/ecs/formal/DM/GatewayCSCI/src/Common/DmGwODLParameter.cxx  
/ecs/formal/DM/GatewayCSCI/src/RequestProcessing/DmGwInvQuery.cxx

ECSed27898 Inventory request processing modified to accept 100-char long hostnames

ECSed28992 GLAS Validis are getting added  
ECSed28247 Changed receive timestamp for order to local time zone.  
ECSed29242 AQUA validis are getting added

ECSed29416 Change the empty field like "" in the valids file generate from the Maintenance Tool to "NOT APPLICABLE" to meet a new tool's request which the EDG client developed to improve the valids processing time from two weeks to two days

ECSed26663ECSed24413ECSed23778 All those three NCRs were related with the V0Gateway server messages. The V0Gateway server code has been changed, the correct message and correct status code were returned to the EDG.

ECSed29252 Added PhysicalMediaOptions to .cfgpatch, .rgypatch, .cfgparams.  
ECSed28650 Changed code to initialize a class data member.  
ECSed23930 Catch the RWBoundErr exception, so that when user click the blank pull-down menu from the Database List (Export Collections - Instrument) Window, no coredump will happen.

### CONTENT:

CM: PLEASE, build Sun TAR file(s) for the listed files from current 5B baseline and provide to the SMC.

.EcDmlINTFCSVR.pkg

SMC: Receive the TAR file(s) and make available to the DAACs, PVC and VATC.

### DAAC Install Instructions:

TE can be loaded on top of DMS installations of 5B.06.

1. Get TAR File from SMC distribution;

PKG INTFCSVR is for use at all DAACs.

2. UNTAR the file and copy to the designated staging area.

\_\_\_ a) Change to the platform staging directory:

cd /<distribution\_directory>/<staging\_directory>/SUN

\_\_\_ b) Execute the setup script (change the permissions on the script to 755 if necessary):

./<drop\_name>\_Setup.ksh

\_\_\_ c) At the prompt "Press ^C to Cancel, Any Other Key to Continue:", press any key except ^C.

\_\_\_ d) At the "Continue? (Y/N):" prompt, enter Y



- \_\_\_ e) At the "Extract ECS tar packages? (Y/N):" prompt, enter Y
- \_\_\_ f) Verify that the staging area location is correct on the line "Install ECS Staging area to:  
<distribution\_directory>/<staging\_directory>/SUN"
- \_\_\_ g) If correct, enter Y at the prompt "Enter ^C to Cancel, ^N to change, ^Y to continue:"
- \_\_\_ h) Verify that the following messages are received :  
Cleaning up ... done.  
Delivery setup is complete, you may now install ECS from staging area.
- \_\_\_ i) At the prompt "Update ECS Assist Common Files? (Root only)(Y/N)", enter Y

3. Modify the file permissions as specified below

```
cd/<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms
chmod 744 DMS/EcDmSybaseLogins.sql
```

3A. Use the ECS Assistant SubSystem Manager to perform the installation of the appropriate DMS package(s) (as specified in 1 above)

- a. Select Mode to be installed
  - b. Select DM SubSystem to be installed
  - c. Select EcDm Component
  - d. Click StageInstall button and enter path to Staging Directory  
/<distribution\_directory>/<stage\_directory>/SUN
  - e. Click Install and Select NORMAL Installation Type and STAGE File Location. Select the appropriate DMS as specified in 1 above and click OK
4. Apply the DMS Database Patch from the SubSystem Manager. Must have DBO privilege to perform this task.
- a. Click Database and Select Patch
  - b. Select .dbparms
  - c. Ensure Patch File name is: EcDmDdDbPatch5B.sql and enter the DMS Sql DB access variables as prompted
  - d. After patch has been applied review patch log in the logs directory and disregard the following warning statements:

```
There is already an object named 'TempKeywordAlias' in the database.
There is already an object named 'DmDdKeywordAliasXref' in the database.
There is already an object named 'TempStringDomain' in the database.
There is already an object named 'DmDdStringDomain' in the database.
Attempt to insert duplicate key row in object 'DmDdInfoMgr' with unique index
'pk_dmddinfoMgr'. Command has been aborted.
```

Ensure no other error messages are present in the db patch log.

5. Validate that the database has the SchemaVersion of 77. Must have DBO privilege to perform this task.
- a. Use isql to access the DMS database
  - b. Execute the following command:  
Select \* from EcDbDatabaseVersions where EcDbCurrentVersionFlag = "Y"
  - c. Ensure the field EcDbSchemaVersionId = 77.
6. Use ECS Assistant SubSystem Manager to apply the Registry Patch. Must have DBO privilege to perform this task.
- a. Select Tools from the top line Menu
  - b. Select Registry Data Patch
  - c. Enter the Registry DB access parameters as prompted. Ensure that the <RETURN> key is pressed after entering the value for Registry DB Name. Click the down arrow to select the appropriate Registry Tree to Patch. Click the "Select Patch File" button to enter the path where the .rgypatch is located.  
/usr/ecs/<MODE>/CUSTOM/installed/DMS/.rgypatch
7. Ensure both the Registry and DMS Servers are re-started.